stratasys

Avionics
Box

Sensitive electronic aerospace equipment needs resilient materials that are resistant to electrostatic discharge. This avionics box concept model was 3D printed with Antero™ (ESD) material (electrostatic dissipative polyetherketoneketone), developed by Stratasys® to combine essential thermal and mechanical properties with electrostatic resistance. This combination in a 3D printing material allows for fast creation of lightweight, structurally optimized shapes that are ESD-compliant with no need for post-processing.

System	Fortus 450mc™
Material	Antero™ (ESD)
Build Time	9 hrs, 51 mins
Material Used	8.71 in^3 (22.12 cm^3)
Support Material Used	6.92 in^3 (17.58 cm^3)